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## Report of the President

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**W**e are pleased to report that 1979 was an excellent year for the Hospital for Special Surgery. The 61,083 patient days and admissions (slightly above 1978) resulted in high activity during the entire year. Our success is due to our medical staff, administrative personnel, and Hospital employees, whose devoted efforts maintained the high standards of patient care for which our Hospital is noted.

Continuity and stability are critical to the development of medical skills that depend upon a team approach. We are proud that 30% of our employees have been associated with us for ten years or more.

Our financial position remained strong. We were able to fund depreciation and operate only slightly below breakeven before applying endowment and gift income. Looking at the record, 1979 was the best year since 1975. Great credit must be given to the strong budgetary practices which have done much to make this possible. We are determined to continue to improve these practices so that quality health care will continue to be provided in the most cost-effective way.

The most significant event of the year was the ground breaking Ceremony held on May 25th for the new expansion/renovation project. It celebrated the commencement of the construction of a new operating room suite, a new and expanded recovery room, inpatient radio-graphic suite, and physician offices and examining areas. We were fortunate to have, as speakers, Congressman S. William Green and State Senator Roy M. Goodman, both of whom noted the project's importance to the maintenance of our position as one of the top medical institutions in the Nation. The last speaker was Ms. Cynthia Perry, patient and volunteer, who spoke about the human and caring qualities of the Hospital, which is really what our Hospital is all about.

Construction is moving ahead rapidly. Concurrent with construction, the New Horizon Fund has reached 75% of its goal. We have a way to go, but we want to thank all givers, whether they be individuals, foundations, or corporations for the generous responses we have received.

It is with great sadness that we report the untimely death of Dr. John L. Marshall, in an air crash on February 12, 1980. Dr. Marshall was the Director of Sports Medicine, a valued senior member of our medical staff, and was recognized as a national figure in his field. His tragic loss is mourned by his many friends and associates.

*Henry U. Harris, Jr.*

Henry U. Harris, Jr.





**D**uring 1979 the construction of the Hospital's new wing was started. Despite many inconveniences, the Hospital's staffs continued to function with their usual kindly efficiency. This report is a testament to the hard work and concern of the entire personnel and professional staffs of the Hospital for Special Surgery, who see that those who come to it for help do not go away unsatisfied.

### **Services to Hospitalized Patients:**

During the year of 1979 over 200 more patients were admitted than in 1978.

The number of operations performed during 1979 increased, roughly 5%, over 1978.

As to primary general conditions for which patients have been operated upon, post-traumatic conditions continued to head the list in 1979. Fifteen per cent of the primary operative diagnoses indicated that secondary operations were involved, about two-thirds of them for the removal of internal fixation devices, and about a third for painful joint prostheses.

The number of joint replacements again increased in 1979. Close to 1,000 total joint replacements, or roughly 27% of all operations were performed in 1979. Total hip replacement still constitutes over 15% of all operations, while total knee replacements in comparison constitute no more than 9% of all operations. It is in this type of operation that the Hospital for Special Surgery is recognized as the outstanding leader worldwide.

Careful recording of drug reactions indicated only two major ones in hospitalized patients, both responding successfully to appropriate treatment. There were no major transfusion reactions, and 4% less blood or blood products transfusions were given despite the 5% increase in numbers of operations during the same period.

**Services to Ambulatory Patients:** Private ambulatory patient visits increased in 1979. The Out-patient Department data show a slight downward trend. However, the Nursing Staff indicate a 1% growth in the overall number of patient visits and an 11% increase in Screening Clinic visits.

### **Services Rendered by Ancillary Departments and/or Services**

**The Department of Radiology and Nuclear Medicine:** New equipment has been installed in the Department to improve existing radiological and nuclear medical services.

Research efforts of the Radiology and Nuclear Medicine Staff were directed towards perfecting X-ray methods of evaluating the positions of total hip prosthetic sockets, abnormalities of the elbow, and of the hands and feet in hemophiliacs leading to the discovery of hitherto undescribed arthritic changes.

**The Department of Rehabilitation:** Rehabilitation noted more patient visits than ever before. The provision of 7-day services has speeded the rehabilitation of post-operative and other hospitalized patients.

**Prosthetics and Orthotics Department:** The renovation and expansion of this Department has greatly improved the professionalism of patient services and added to the comfort of all those involved. The Department continues to innovate in the use of new materials for construction of orthoses and prostheses.

### **Department of Orthopaedic Surgery**

**Back Service:** The common orthopaedic disability seen was the degenerative back with about half of the cases presenting with back pain and the other 50% with sciatica.

**Comprehensive Arthritis Program:** The Orthopaedic Surgical and Rheumatological Departments render well-integrated services to badly crippled and often seriously ill patients.

**Cerebral Palsy:** The Service is concerned with the continuing management of approximately 1,000 patients ranging in age from infancy to 70 who make an average of four ambulatory visits a year.

**Adult Foot Service:** A number of clinical research projects were carried on in 1979, while most of the work of the Service was concerned with correction of forefoot deformities.

**Children's Foot Service:** Two clinical projects are in progress, one a computerized three-dimensional analysis of the highly complex motion of the tarsal joints and the other a clinical follow-up study of patients having undergone subtalar extra-articular arthrodeses (Grice Procedures).

**Hand and Upper Extremity Service:** Two projects were completed: One on "The Results of Wrist Arthrodesis and Wrist Stabilization in Rheumatoid Arthritis", and the other, "The Effect of Penicillamine on Neuronal Scar Formation Following Nerve Repair". Ongoing projects included that of Clinical Trial of the Spherical Tri-axial Wrist Joint Prosthesis.

**Hemophilia Service:** This Service continued its investigations into the nature of hemophilic arthropathy and carried on an instructional program for patients and their families in self-transfusion techniques.

**Hip Service:** 1979 represented the 14th year of this program of prevention of serious congenital hip deformities in babies born at New York Hospital through the neonatal detection and treatment of hip instability.

**Knee Service:** Total knee replacement operations and manipulations of the knee led the list of operative procedures performed.

**Metabolic Bone Disease Service:** The Service is concerned with patients suffering from various forms of bone loss, or osteopenia, leading to spontaneous fractures and back pain, with patients suffering from Paget's Disease, and with a number of unusual bone conditions. Research efforts

are growing rapidly, and support for a long-term study of the management patients with osteopenia is being sought. The diagnostic potential has rapidly improved with the on line development of a densitometer, and the installation of a computerized planometer for rapid and exact analysis of undecalcified bone specimens.

**Neck and Shoulder Clinics:** A number of ongoing studies are reported, and research and teaching on these Services has steadily improved.

**Orthopaedic Sports Medicine Service:** The Service was very busy in patient care, profiling of athletes, education and research. A Sports Medicine Symposium for coaches and trainers was held at the Hospital in June.

**Pediatric Orthopaedic Service:** The most common procedures performed on the Service were removal of internal fixation devices, varus derotational osteotomies of the femur, open reductions of dislocated hips, and tibial angulation or derotational osteotomies.

**Osteogenesis Imperfecta Service:** Six new patients were registered in the Clinic, one of the largest of its kind in the world, and approximately 100 patients remained on the active list. Genetic, pathological and biomechanical and clinical research projects were continued during the year.

**Prosthetics and Orthotics Clinic:** Nineteen patients were admitted for 30 operative procedures. Correction of deformities of the feet, realignment of more proximal limb deformities and fitting of prosthetic devices were the procedures in 1979.

**Scoliosis Service:** The enactment of a State Law requiring school screening of children for scoliosis has resulted in an increased number of children being referred to the Clinic with very mild deformities.

**Orthopaedic Surgical Educational Liaison Services:** Three Hospital Residents serve on the *Combined Fracture Service* which is located in The New York Hospital.

**Orthopaedic Service of the Bronx VA Hospital:** This Service continued to provide valuable experience for the three Hospital Residents who serve in rotation here.

**The Bone Tumor Service of Memorial Hospital:** The work of this Service is closely integrated with that at the Hospital, and there is an exchange of support services such as those from the Prosthetics and Orthotics and Rehabilitation Departments and from the Bioengineering Laboratories. An Amputee Rehabilitation Program has been established at the Hospital as well as a program to survey patients with Paget's Disease for evidence of malignant osteogenic sarcoma.

**Orthopaedic Surgery and Rehabilitation Service of North Shore Hospital:** Three Hospital for Special Surgery Residents rotate through the Services at North Shore Hospital. Treatment of fractures and other musculoskeletal injuries constitutes the bulk of the orthopaedic practice at North Shore Hospital.

**The Pediatric Service:** This service maintains a close liaison with the Pediatric Service at New York Hospital. It cooperates very closely with the Orthopaedic Surgical Department in management of pediatric cases and has constantly stressed the needs of the whole child in a diverting environment of specialized care.

**Psychiatric Liaison:** Psychiatric Liaison with Payne Whitney is maintained through the appointments of a Staff Psychiatrist. Ongoing consultative and treatment services are provided for orthopaedic patients with psychological or psychiatric problems.

**Medical Education:** The liaison of the Hospital with the Cornell University Medical College continued to be very close and productive. The reaching services of the Hospital for Special Surgery were popular rotations for medical students. It is from this group of students that the Residency Program members are selected.

**Conclusion:** I have now completed seven and a half years as Surgeon-in-Chief and while it is with great pleasure and pride that I am able to present such an outstanding report to you at this time, I would be remiss were I not to acknowledge the debt I owe to all members of the Staff. Before closing, it is important to pay heed to the dedication, effort, knowledge and skills of the entire Hospital family and the generous support of the Hospital's many benefactors in making these accomplishments possible.



Philip D. Wilson, Jr., M.D.





## Report of the Physician-in-Chief

**A**nual reports traditionally compile statistics related to patient care activities, staff changes, educational programs and research progress. These will be duly presented. But first I would like to comment on one asset of the Department, and the Institution as a whole, that provides diversity and quality to all activities and which is not clearly recorded in progress reports. I am referring to our fine cadre of volunteers. A few years ago, when we entertained a delegation of physicians from the Soviet Union, The President of the Board extended an informal invitation to the visitors to view the City from the heights of his mid-town office. When this invitation was relayed, our guests were curious and amazed to learn that the head of the hospital was not a physician, health administrator or a government bureaucrat. The concept of voluntary management of facilities such as ours is quite foreign to much of the world. In fact the degree to which it is manifest here is not even the norm for institutions in this country.


The professional staff includes physicians who, in parallel with lay volunteers, give their time and effort without remuneration. Those who practice within the Center have the privilege of using hospital services for their patients. Others, some of whom come considerable distances from communities outside New York City, are motivated by educational opportunities: their own continuing education, and for stimulation that derives from teaching young physicians and students.

The contribution of volunteers to the volume of hospital activity is obvious. In addition, they provide an important dimension to the educational missions of the Institution; included in their ranks are some of our most experienced and talented clinical teachers.

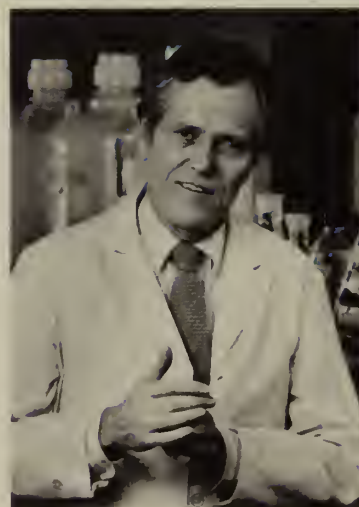
One development during the past year that deserves comment is the more formal organization activities of staff members in multiple professional disciplines toward the goal of improved patient care and more effective professional training. Patients with arthritis, a prototype of chronic disease, have complex needs that cannot be met by an individual member of any profession. The Arthritis Center program at the Hospital, which is supported by a Multi-Purpose Arthritis Grant from the National Institutes of Health, includes not only physicians in the Department of Medicine and Orthopedic Surgery, Pediatrics, Rehabilitation Medicine and Psychiatry, but, equally important, members of the Nursing, Medical Social Work, Physical Therapy, Occupational Therapy and Dietary professions. The concerted action of the staff from many disciplines is essential for optimal care. It also provides the setting required for professional training and clinical research. Another development favored by the Center program is

the establishment of relationships with leaders in other Institutions within our immediate community. A Community Advisory Committee has been established that includes patients, the Community Advisory Officer of Cornell, and representatives of Institutions such as: The Visiting Nurse Association of New York, Lenox Hill Neighborhood Association and The Mary Manning Walsh Nursing Home. This group, which has met at approximately monthly intervals during the past year, has helped us identify ways in which we can better serve the community.

The year 1979 marks the 10th anniversary of the reorganization of the Department of Medicine. The program has grown with the addition of talented young faculty members who are committed to the intellectual goals of the Institution; seeking new insight regarding the origin of disease, and striving for excellence in patient care and teaching activities. Through successes and frustrations, the Hospital for Special Surgery continues to be a lively, challenging and supportive environment in which to work.



Charles L. Christian, M.D.



## Director of Research

**T**he mission of the research program of the Hospital for Special Surgery is the study of musculoskeletal diseases and conditions to determine the causes and natural history and to develop better methods and procedures of treatment. The integrated research program is organized to provide maximum coordination between orthopaedics, rheumatology, and more than a dozen other clinical and basic research disciplines. Significant progress was made in 1979 toward achieving the objectives of the Hospital's research program.

**The Department of Biomechanics:** This Department under the direction of Dr. Albert H. Burstein, collaborated with the Department of Orthopaedic Surgery, under the leadership of Dr. Philip D. Wilson, Jr. in the continued development and improvement of total joint implants for the hip and knee. Biomedical studies were undertaken on gait analysis, the measurement of musculoskeletal functions, the clinical application of acoustic emission technology, and the mechanical properties of articular cartilage.

**The Laboratory of Comparative Orthopaedics:** Under the direction of Dr. Steven P. Arnoczky, the Laboratory of Comparative Orthopaedics continued clinically related research on the normal and pathological anatomy and physiology of joints and joint structure.

**The Laboratory of Ultrastructural Biochemistry:** Under the leadership of Dr. Aaron S. Posner, it engaged in fundamental biochemical investigations of the structure of bone mineral and the mineralization of tissues. Studies performed during the past year moved closer to a fuller understanding of the atomic structure of bone mineral. Dr. Adele L. Boskey received the 1979 Kappa Delta Award from the American Academy of Orthopaedic Surgeons for her basic research on the role of lipids in tissue mineralization.

**The Laboratory of Connective Tissue Research:** This laboratory under the direction of Dr. Joseph M. Lane, investigated the biochemical components and metabolic events that are involved in the process of injury and repair of bone, cartilage, and other connective tissues.

**The Laboratory of Orthopaedic Pathology:** Under the direction of Dr. Peter G. Bullough, it is engaged in a collaborative study of the biological properties of cell cultures of fibroblasts (collagen-producing cells) obtained from patients with osteogenesis imperfecta ("brittle-bone disease").

**Department of Medicine:** The research activities of the Department of Medicine, under the direction of Dr. Charles L. Christian, are focused on chronic rheumatic disease, in particular rheumatoid arthritis, systemic lupus erythematosus, vasculitis syndromes, systemic sclerosis, and inflammatory muscle disease. The chief hypothesis

under investigation by the scientific disciplines of immunology, cell biology and viology is that these illnesses are caused by an allergic reaction.

**The Laboratory of Experimental Pathology:** Under the direction of Dr. Robert C. Mellors, it is engaged in the study of type C retroviruses, a large and widespread class of viruses that occur in many animal species, including sub-human primates and possibly man. Work in the laboratory was the first to show that apparent immune deposits of a retrovirus-related protein antigen was present in the renal glomerular lesions associated with human systemic lupus erythematosus.

**Immunochemistry Laboratory:** During the past year the Immunochemistry Laboratory, under the direction of Dr. Leonhard Korngold, worked on a promising new test for the detection of circulating immune complexes in the sera of patients suffering from various diseases including systemic lupus erythematosus and rheumatoid arthritis.

Research grant awards received by the Hospital from outside resources, both federal and private, account for approximately 80% of the research income. Institutional funds designated for research provide the remaining income. Presently in force are 16 separate federal research grants awarded by the National Institutes of Health and 18 separate research grants awarded by private foundations. A balanced support from federal, private and institutional resources is necessary for continued development of the Hospital's research program and the fulfillment of its goals.

*Robert C. Mellors*

Robert C. Mellors, M.D., Ph.D.





## Report of the Vice President and Executive Director

**T**he past year has been a turning point in the history of the Hospital. 1979 saw ground breaking for our major construction program, and several departmental reorganizations for improvement of patient service.

### **A Statistical Review of Hospital**

**Operations:** In 1979 we admitted 4,188 patients, compared to 3,977 in 1978, a percentage increase of 5.3%. Our average length of stay for patients decreased by one half day resulting in an average stay of 14.58

days. Our occupancy rate increased 1% to 83.7%. I am pleased to report that all of these numbers are significantly improved over a year ago; the direct result of the efforts of our employees and physicians to deliver quality care to increasing numbers of patients in existing facilities. This significant increase is directly attributable to the extension of our operating room day, where we now perform surgery from 8:30 in the morning until 8:00 in the evening. The operating rooms now under construction will reduce the need for such a long and arduous day. Our Ambulatory Center in 1979 recorded, we believe, a temporary decrease in activity of 35,628 visits compared to 36,592 in 1978.

**Financial Results:** Financially, 1979 was one of the best of the last ten years. In 1979 we showed a slight loss of \$195,750 from Hospital operations after the inclusion of depreciation. Following the application of non-operating income and research operations we showed a positive bottom line of \$1,360,000.

There continues to be increasing concern about the high cost of hospital care. In 1979 President Carter continued his efforts to place a cost containment program on the health care sector, which would limit each hospital's percent of increase to no more than 9.7%. This effort was resisted with considerable vigor, because it influences only the hospital industry to reduce its costs, while allowing cost increases in all other sectors of our economy. This effort was turned back in the Congress because of lobbying efforts by the hospital industry, as well as the hospital industry's own efforts to restrain costs. The industry target for 1979 was 11.6% and I am pleased to report that the Hospital for Special Surgery's rate of increase for 1979 was 10.7%.

May 24, 1979, ground was broken for the first major addition to the main Hospital facility since 1955. The ceremony was attended by several notables, including Congressman William Green and State Senator Roy Goodman. Construction continues nearly on schedule and we anticipate functional occupancy of the operating rooms and physicians' offices by the fall of 1980. Following the completion of new construction, we will move promptly to the next phase, which calls for the complete renovation of the third and fourth floors of the existing Hospital. Here will be a new recovery suite, new physicians' offices, additional

waiting space and a new inpatient radiographic suite. This project, which will improve the facility and optimize our efficiency, will allow the Hospital to increase its occupancy and be able to perform more surgery while utilizing our existing complement of 200 beds.

During 1979 we reorganized our Public Relations and Fund Raising efforts into a new Office of Development to allow the capital campaign to progress more expeditiously. Under the Trustee leadership of Mr. Charles Thieriot, the New Horizon Fund Campaign has progressed very well. It exceeded three quarters of our goal after actively soliciting funds for only one year. The new Director of Development, Mr. Wentworth Durgin, will coordinate this capital campaign with all of our existing fund raising activities. Another major accomplishment by our Development Office this past year was the computerization of all fund raising records. This will allow us to have a complete mailing list of all the friends of our Hospital for fund-raising and Public Relations purposes. We have also embarked on a Plan of Giving Campaign for those who wish to establish an income-producing trust which will immediately benefit the donor and would ultimately benefit the Hospital.

In January of 1979, the Hospital volunteered to be surveyed by the Joint Commission of the Accreditation of Hospitals. This survey which challenges hospitals to meet high standards of excellence and accreditation, is sought by all hospitals. The survey was superbly coordinated by our Associate Executive Director, Mr. Quigley, and I am pleased to report to you that the Hospital received full accreditation for two years.

**Personnel:** Our Personnel Department processed more than 2,900 employment applications this past year. The good reputation of the Hospital continues to attract qualified applicants with whom we fill positions. The Hospital has developed a new transfer policy which encourages promotion from within an employee's own department or another, where appropriate. This, we feel, provides a way for us to reward the hard working employee who desires to advance. Our Personnel Department continues to administer our unemployment insurance program effectively. As a result, we were able to reduce our unemployment benefit cost in 1979 by 54% over 1978. In early 1980 we will commence a self administered, self insured workers' compensation program, which will further reduce our cost in this area.

In 1979 our Personnel Department created a new employee activities committee, which sponsored ten activities including a summer boat ride. This program provides the opportunity for our employees, who work so well together, to socialize outside the Hospital.

In the Ambulatory Center we appointed a new Administrative Director, Ms. Sandra Shapasian. She comes to us with a masters degree in Hospital Administration and experience in



ambulatory care. We look forward to many administrative improvements in this department.

Major improvements were effected in our Nursing Department, which was reorganized with the appointment of two new Assistant Directors in nursing. Ms. Patricia Smith was appointed Assistant Director for In-Service Education and Ms. Joan Moscati was appointed Assistant Director for the School of Practical Nursing. Our In-Service Education Section created a new six week orientation program for new nursing personnel, which assures continuity of our high standards. The program will communicate to the newly appointed nursing individual the concern our present employees show for our patients.

This year we were able to grant scholarships to five practical nurses to pursue their registered nurse degrees. Six students from the previous year completed the program and were welcomed back to our staff. Another major effort in the area of the classification of patient needs and requirements has been made this past year and will allow us to properly staff the floors based on the needs of our patients.

The Hospital in 1980 will complete the replacement of all of its electric beds, which provide additional patient safety and comfort. Also, in 1980, we will establish a new Department of Public Relations which will, as its central focus, provide information to the many friends of the Hospital about the significant improvements and programs of our Hospital. A number of other programs to provide additional patient safety and comfort will be carried out in 1980. These will include the renovation and improvement of many of our patient units or ancillary service departments.

A major improvement was completed this past year in the Prosthetics and Orthotics Department. This Department, receives patients from our own and other hospitals for the creation of replacements of body limbs that have been removed (prosthetics), and the bracing or straightening of body parts (orthotics). This improvement included a new waiting space with amenities for our patients as well as redesigned work space for our prosthetists and orthotists. This program improvement has been well received by Department employees, but particularly remarkable are the fine comments we have received from our physicians and patients.

**The Future:** A very important study was reported in the Wall Street Journal of April 3, 1979 which detailed the over regulation of hospitals. It disclosed that there are 164 regulatory agencies, including 40 at the federal level, that rule the practices of hospitals. A study done by the Hospital Association of New York suggested that the cost of such regulation on a statewide basis averaged \$38.36 per patient day. I believe the duty of hospitals is to make people aware of the extraordinary costs caused by what most health care professionals view as over regulation. The solution to this is clearly the simplification of the regulatory process.

Our volunteers and our auxiliaries continue to perform many important tasks for the Hospital. Their brightness of spirit and show of concern is always noted by our patients. In 1979, 160 volunteers gave over 24,478 hours of service. I am pleased to add, on behalf of the Hospital, my thanks to every volunteer and auxiliary who support this Hospital in ways no report could ever adequately reflect.

My third year as Vice President and Executive Director of the Hospital has been an extremely exciting and gratifying one. We were able to bring an important construction program to fruition in an unbelievably short time. In the Journal for The American Hospital Association, "*Hospitals*", this accomplishment of our Hospital was noted. The entire Hospital family can be proud of the speed with which we were able to move this important project forward. As I reported a year ago, this construction program is necessary but the problems it generates requires continued patience from all of us.

I express my deepest appreciation for the continuing fine support the Board of Managers gives to me and to the Hospital. The unselfishness with which they contribute their time, efforts, and resources is remarkable.

The commitment I witness at this Hospital to the future, to high quality care, to continuing education and research, can only assure the continuance of the Hospital's ever widening reputation for high quality care, delivered in an efficient, cost conscious manner.

*Donald S. Broas*

Donald S. Broas



## Report of the Chairman of the Women's Auxiliary

**T**his past year was a rewarding one for the Auxiliary. Once again, due to our success in the United Hospital Fund Campaign, we were able to give the Hospital \$20,000.

In April the Auxiliary sponsored an art show by Folios III of Cos Cob, Connecticut, for the benefit of the Nursing Scholarship Fund. The proceeds from this event amounted to \$519.40. In December a raffle was held also for the nursing fund, and \$287.00 was raised.

At the Volunteer Tea in May the Germain Wilson Award was presented by the Auxiliary to Mrs. Henry Numrich, a Gray Lady volunteer at the Hospital for 24 years.

In June the Auxiliary presented a gift to Miss Mildred Hallock, Director of the Nursing School, at her retirement tea.

As in 1978, a gift was given to each patient in the Hospital on Christmas morning. The cost was covered by a special donation from Auxiliary members.

Mrs. Philip D. Wilson, Jr., and Mrs. L. Ramsay Straub, and a committee from New York and Memorial Hospitals completed a booklet listing local services available to patients' families. The booklet, "A Helping Hand," was given to out-of-town families starting in June.

Doctors and members of the staff continue to give informative talks at our monthly meetings, and we are fortunate that they share their valuable time with us.

**Patient's Library:** Mrs. Robert H. Freiburger  
Mrs. Jay Bresler

The Library continues its important role in Hospital life. It furnishes services to the patients via book carts that go to the floors twice a week, and to staff members, who use the third floor Library. In 1979, 18 volunteers gave 2,776 hours. The total expense of running the Library in 1979 was \$756.70. Two book sales were held, and \$394.07 was raised. This was used to defray part of the Library's costs.

**Volunteers:** Mrs. Willis Phillips  
Mrs. John Steel

160 volunteers, serving 26 departments in the Hospital, gave 24,478 hours. The Annual Awards Meeting and Tea was held in May, at which Mr. Broas described the progress of the New Horizon Fund. The Volunteer Committee continues to meet once a month with Miss Virginia Roberts, Director of Volunteers, and her assistant Mrs. Cecile Rappaport. Members of the Volunteer Group served as hostesses at the evening reception on May 24th and the ground breaking ceremonies the next day.

**Gift Shop:** Mrs. William Arnold  
Mrs. Theodore Kaufmann

Despite problems with part-time employees and the construction of the new addition to the Hospital, the Gift Shop reports an

excellent year. Net profits were up 16 percent over the 1978 figure of \$6,674.00. The Gift Shop provides cart service to the patient floors at least twice a week. Promotional sales leaflets were distributed during the year at Easter, Mother's Day and Christmas. Advertising for the Shop is also featured on the Hospital's closed-circuit television station. 40 volunteers gave 5,031 hours and, with part-time help, the Gift Shop continues to stay open during evenings and weekends. Mrs. Frances Hage, Gift Shop Manager, deserves much credit for the smooth operation of the Shop.

**United Hospital Fund:** Mrs. Jack Furth

This year the Auxiliary did not participate in Box Week, but received gifts amounting to \$16,828.00 from 346 contributors. Mrs. Robert L. Patterson was honored at the November Report Meeting, held at the Plaza, for 40 years of service to the Fund.

**Membership:** Ms. Katherine Risi

Two new members were welcomed by the Auxiliary: Mrs. Morton Reifer and Ms. Jill Spiller. Mrs. Robert I. Powell resigned from Active membership after many dedicated years and became a Contributing member. In 1979 there were 30 Active members and 13 Contributing members in the Auxiliary.

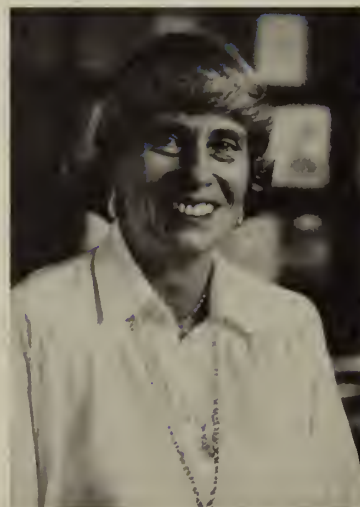
**Coffee Cart:** Mrs. J. Howard Denny

The Auxiliary continues to finance the Coffee Cart which serves complimentary coffee or tea and cookies to patients in the Clinic area as well as to the Brace Shop and Doctor's waiting area on the third floor.

**Patient's Chairs:** Mrs. John Fankhauser

The Auxiliary sells, through the Hospital Gift Shop, special orthopedic high chairs. Last year 72 chairs were sold earning \$1,440.00 for the Auxiliary.

*Charlotte Howe Reuter*  
Mrs. David Reuter





## The Hospital for Special Surgery

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*"I once worked with an amputee — he was about thirty — who wasn't really dealing with the loss of his leg. He was working with clay, and he did a bust that was about this high. Pretty good, really, but through the whole thing, he completed the bust with one ear. I didn't say anything about it till he was leaving. Then I pointed it out and he'd never noticed. He was amazed. 'One ear!', he said. 'I guess that means something, huh?' He was fine from then on."*

When you ask the people who work at the Hospital for Special Surgery, "What makes this place so special?", you get answers from as many points of view as the number of people you ask. Throughout, however, pride plays a big part; pride in each other, in their collective skills and know-how, in their accomplishments—individually and as a group.

What follows is a photo-essay on that very subject. The photos say something about these people and the important work they do.

The words are their own.

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*"The secret of caring for the patients  
is caring about the patients."*

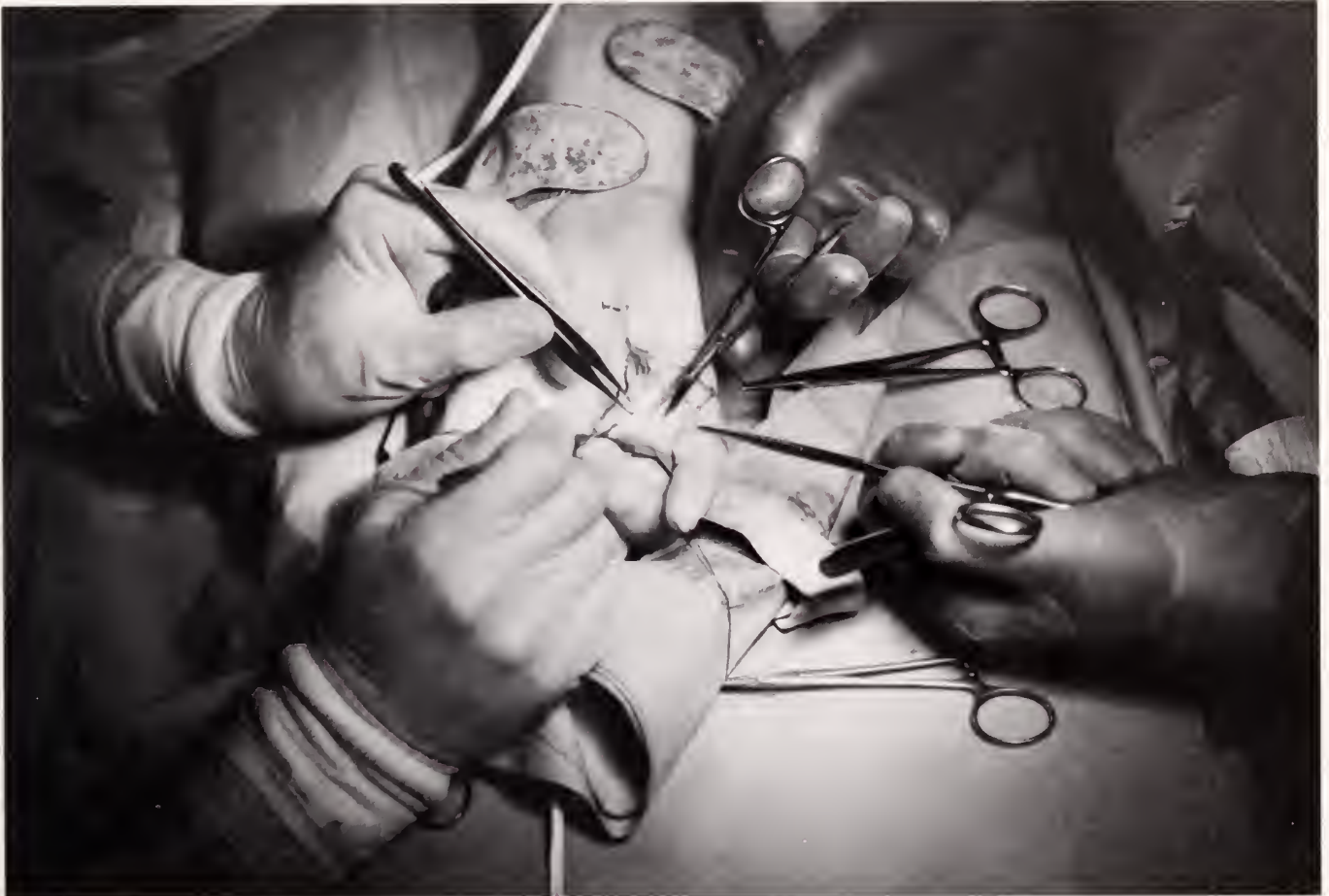


The Hospital's Cerebral Palsy Service manages approximately 1,000 patients (ages 1-70+), some of whom make 4 ambulatory visits to the Service every year of their lives.



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*"Making the diagnosis is not enough for me. I know a lot of doctors in other fields who are happy with making the diagnosis, I get very frustrated if I can't do something about something."*



Procedure for the release of "Dupuytren's Contracture"—restoring normal finger usage by removal of fleshy tissue from tendons.

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*"I don't look at a clock when I'm doing my work. I look at what I'm doing; how it's supposed to be done. That's my clock."*



Measuring the degree of spasticity in a cerebral palsy patient. New Patho-Kinesiology Laboratory is also equipped for Gait Analysis and Energy Consumption Measurement.



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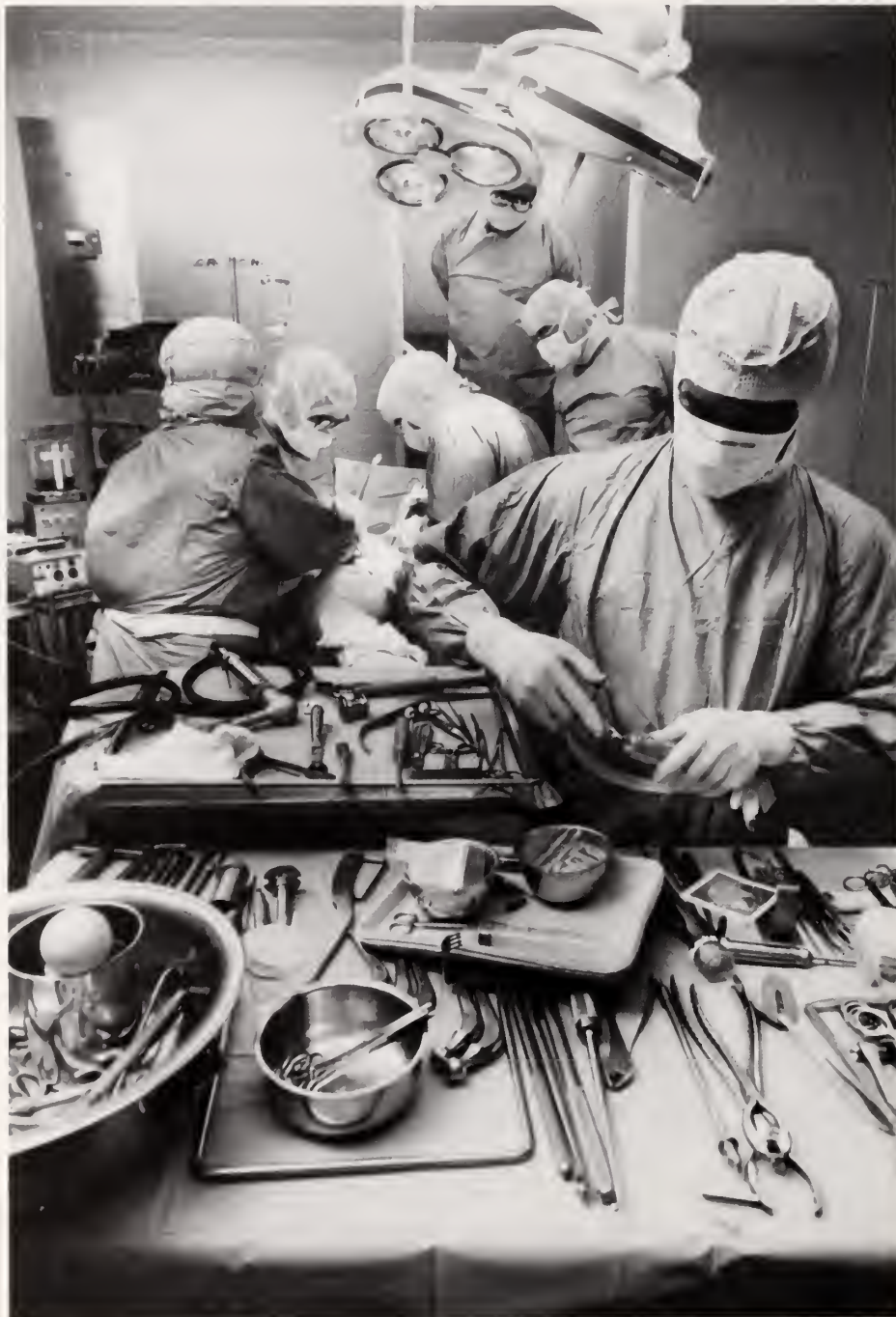
*"The bridge from the research building to the clinical hospital is very short, as we say. And there's a lot of traffic both ways."*



Carbon fibers reinforce polymethylmethacrylate, known also as bone cement used to fasten prosthetic devices to natural bone.

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*"We're always in the outer perimeter of knowledge in these fields, and that's what makes this place so special. We're always pushing out those frontiers."*



A surgical technician preparing bone cement during a total hip replacement



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*"I like orthopedics. It's con-structive rather than de-structive."*



X-ray of prosthetic hip device (left) and arthritic hip joint (right).

*"The word 'orthopedics' is a combination of two Greek words: 'Ortho', which means 'straight', and 'paedis', which means 'child'."*



The Hospital has a fully certified New York City School on the fifth floor for its younger patients.

*"Polio, T.B., Osteomyelitis . . . Hospitals used to be filled with children with these diseases. Having gotten rid of almost all of this, we now are dealing with children who have problems from birth, or from trauma."*



Muscular Dystrophy patient taking his first few steps wearing long leg braces custom-fabricated in Hospital's Prosthetics and Orthotics Department.



*"I put a lot of pride into it. Not only here, but in anything I do. That's just the way I feel on the inside."*



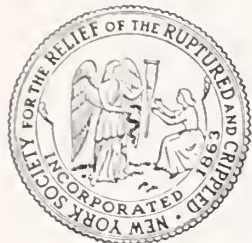
Knee cast being applied in the Plaster Room.

*"Many people come here again and again. With arthritis, rheumatology, they always come back. And these patients know us, and we know them. 'Put me up on 6 North', they tell the admissions clerk. 'Put me on 6 North, they know me up there'."*



Crafts Workshop is an important part of Recreational Therapy, which is offered in addition to Occupational and Physical Therapy.

The New York Society for the  
Relief of the Ruptured and Crippled,  
maintaining the  
Hospital for Special Surgery  
Margaret M. Caspary Clinic  
535 East 70th Street  
New York, New York 10021  
(212) 535-5500





## Balance Sheets

New York Society for the Relief of the Ruptured and Crippled, maintaining the Hospital for Special Surgery	Assets	December 31,	1979	1978
	Unrestricted Fund			
	<b>Current Assets:</b>			
	Cash		\$ 414,853	\$ 290,495
	Accounts receivable for services to patients, less uncollectible accounts and allowances of \$561,000 (1979) and \$513,000 (1978) (Note 1a)		3,095,153	2,352,904
	Due from reimbursing agencies—rate adjustments (Note 1a)		1,214,466	480,724
	Other accounts and loans receivable		296,622	553,626
	Inventories of materials and supplies, at cost		775,721	610,015
	Prepaid expenses and deferred charges		99,224	79,304
	Due from restricted funds		—	266,122
	<b>Total Current Assets</b>		<b>5,896,039</b>	<b>4,633,190</b>
	<b>Noncurrent Portion of Loans Receivable</b>		<b>105,662</b>	<b>97,000</b>
	<b>Funds functioning as endowments</b> (Note 3):			
	Marketable securities (quoted market \$16,027,000 (1979) and \$13,982,000 (1978) (Notes 1b and 3a)		14,886,707	13,721,574
	Less specific purpose funds' undivided interest		791,844	1,283,292
			<b>14,094,863</b>	<b>12,438,282</b>
	Investment in Sutton Terrace Apartments (Note 3b)		820,000	820,000
			<b>14,914,863</b>	<b>13,258,282</b>
	<b>Property, plant and equipment</b> , including construction in progress of \$1,832,000 (1979) and \$138,000 (1978) (Notes 1c, 4, 5 and 10c)		12,936,370	11,256,330
			<b>\$33,852,934</b>	<b>\$29,244,802</b>
	<b>Restricted Funds</b>			
	<b>Specific Purpose Funds:</b>			
	Undivided interest in funds functioning as endowments		\$ 791,844	\$ 1,283,292
	<b>Plant Replacement and Expansion Funds:</b>			
	Marketable securities (quoted market \$3,599,000 (1979) and \$3,837,000 (1978)) (Note 1b)		\$ 3,348,288	\$ 3,788,288
	Current portion of pledges receivable (Note 10c)		1,623,640	617,727
	Due from other funds		969,034	544,738
	Total current assets		5,940,962	4,950,753
	Noncurrent portion of pledges receivable		616,634	600,000
			<b>\$ 6,557,596</b>	<b>\$ 5,550,753</b>
	<b>Research Fund:</b>			
	Accounts receivable—			
	United States Public Health Service research grants (Note 7)		\$ 1,319,459	\$ 1,257,872
	Marketable securities (quoted market \$1,465,000 (1979) and \$1,439,000 (1978)) (Note 1b)		1,396,272	1,414,480
			<b>\$ 2,715,731</b>	<b>\$ 2,672,352</b>
	<b>Endowment Fund:</b>			
	Cash		\$ 3,963	\$ 1,329
	Marketable securities (quoted market \$2,952,000 (1979) and \$2,895,000 (1978)) (Note 1b)		2,961,987	2,953,638
	Due from other funds		6,074	10,598
			<b>\$ 2,972,024</b>	<b>\$ 2,965,565</b>

See notes to financial statements.

<b>Liabilities and Fund Balances</b>	December 31,	1979	1978
<b>Unrestricted Fund</b>			
<b>Current Liabilities:</b>			
Accounts payable		\$ 1,047,022	\$ 859,336
Construction costs payable		414,735	—
Accrued salaries		679,658	561,405
Payroll taxes payable		6,683	52,814
Other current liabilities		1,075,905	919,533
Due to restricted funds		509,357	—
Current portion of mortgage payable (Note 5)		36,311	33,445
<b>Total Current Liabilities</b>		<b>3,769,671</b>	<b>2,426,533</b>
<b>Long-Term Debt:</b>			
Mortgage payable (Note 5)		618,314	654,625
<b>Reserve for Liability Claims</b> (Note 10b)		<b>1,727,676</b>	<b>1,353,801</b>
<b>Contingencies and Commitments</b> (Note 10)			
<b>Fund Balance</b>		<b>27,737,273</b>	<b>24,809,843</b>
		<b>\$33,852,934</b>	<b>\$29,244,802</b>
<b>Restricted Funds</b>			
<b>Specific Purpose Funds:</b>			
Fund balance		\$ 791,844	\$ 1,283,292
<b>Plant Replacement and Expansion Funds:</b>			
Accounts payable		\$ 300	\$ 4,470
Fund balances:			
Plant replacement fund		2,917,288	2,917,288
New Horizon Fund		3,640,008	2,628,995
		<b>\$ 6,557,596</b>	<b>\$ 5,550,753</b>
<b>Research Fund:</b>			
Accounts payable		\$ 42,917	\$ 24,083
Due to other funds		465,751	821,458
Fund balances:			
United States Public Health Service research grants		1,098,923	971,562
Outside foundation grants		517,171	259,094
Institutional funds		590,969	596,155
		<b>\$ 2,715,731</b>	<b>\$ 2,672,352</b>
<b>Endowment Fund:</b>			
Principal:			
Restricted as to use of income		\$ 2,636,487	\$ 2,620,737
Unrestricted as to use of income		335,537	344,828
		<b>\$ 2,972,024</b>	<b>\$ 2,965,565</b>

# Statements of Revenues and Expenses of Unrestricted Fund

**New York Society  
for the Relief of  
the Ruptured  
and Crippled,  
maintaining the  
Hospital for  
Special Surgery**

Year ended December 31,	1979	1978
<b>Hospital Operating Revenue:</b>		
Patient service revenues, net of allowances of \$2,308,945 (1979) and \$2,680,153 (1978) (Note 1a)	<b>\$22,392,658</b>	\$19,869,894
Other operating revenue	<b>1,642,429</b>	1,545,721
	<b>24,035,087</b>	21,415,615
<b>Hospital Operating Expenses:</b>		
Salaries	<b>13,577,774</b>	12,330,419
Supplies and expenses	<b>10,191,978</b>	9,121,939
Provision for liability claims	<b>392,765</b>	379,630
Depreciation	<b>720,262</b>	670,225
	<b>24,882,779</b>	22,502,213
Less transfers from other funds and other reimbursements of specific expenses	<b>651,942</b>	611,572
	<b>24,230,837</b>	21,890,641
<b>Loss from Hospital Operations</b>	<b>(195,750)</b>	(475,026)
Net general research revenue/(loss)	<b>13,486</b>	(38,800)
<b>Loss from Hospital and General Research Operations</b>	<b>(182,264)</b>	(513,826)
Nonoperating revenue (net) (Note 9)	<b>1,542,155</b>	1,376,834
<b>Excess of Revenues over Expenses</b>	<b>\$ 1,359,891</b>	\$ 863,008

See notes to financial statements.



**New York Society  
for the Relief of  
the Ruptured  
and Crippled,  
maintaining the  
Hospital for  
Special Surgery**

## Statements of Changes in Financial Position of Unrestricted Fund

Year ended December 31,	1979	1978
<b>Funds Provided:</b>		
Loss from hospital and general research operations	\$ (182,264)	\$ (513,826)
Amounts included in operations not requiring funds:		
Provision for depreciation	856,939	810,738
Provision for liability claims	392,765	379,630
Transfer to plant replacement fund for future capital acquisitions	(720,262)	(671,547)
Funds provided by operations	347,178	4,995
Nonoperating revenue—net	1,542,155	1,376,834
Funds provided by operations and nonoperating revenue	1,889,333	1,381,829
Transfers from restricted funds for equipment acquisitions and additions to construction in progress	2,287,801	897,978
Disposals of property, plant and equipment	10,923	126,262
Decrease in working capital	80,289	—
	<b>\$4,268,346</b>	<b>\$2,406,069</b>
<b>Funds Applied:</b>		
Increase in assets of funds functioning as endowments	\$1,656,581	\$1,212,941
Additions to property, plant and equipment	2,547,902	897,978
Reduction of long-term portion of mortgage	36,311	33,445
Increase in noncurrent portion of loans receivable	8,662	75,000
Increase in working capital	—	181,016
Other	18,890	5,689
	<b>\$4,268,346</b>	<b>\$2,406,069</b>
<b>Changes in Components of Working Capital:</b>		
Increase/(decrease) in current assets:		
Cash	\$ 124,358	\$ (380,011)
Accounts receivable for services to patients	742,249	529,829
Due from reimbursing agencies	733,742	275,561
Other accounts and loans receivable	(257,004)	211,975
Inventories	165,706	32,493
Prepaid expenses and deferred charges	19,920	16,723
Due from restricted funds	(266,122)	(91,000)
	<b>1,262,849</b>	<b>595,570</b>
Increase/(decrease) in current liabilities:		
Accounts payable	187,686	124,911
Construction costs payable	414,735	—
Accrued salaries	118,253	70,060
Payroll taxes payable	(46,131)	43,646
Other current liabilities	156,372	173,297
Current portion of mortgage payable	2,866	2,640
Due to restricted funds	509,357	—
	<b>1,343,138</b>	<b>414,554</b>
<b>(Decrease) Increase in Working Capital</b>	<b>\$ (80,289)</b>	<b>\$ 181,016</b>

See notes to financial statements.

# Auditors' Report

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## **Board of Managers**

**The New York Society for the  
Relief of the Ruptured and Crippled,  
maintaining the  
Hospital for Special Surgery**

**New York, New York**

March 18, 1980

We have examined the balance sheets of the New York Society for the Relief of the Ruptured and Crippled, maintaining the Hospital for Special Surgery as of December 31, 1979 and 1978, and the related statements of revenues and expenses of unrestricted fund, changes in fund balances, and changes in financial position of unrestricted fund for the years then ended. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances. Marketable securities held at December 31, 1979 and 1978 were confirmed to us by the custodian.

In our opinion, the financial statements referred to above present fairly the financial position of the New York Society for the Relief of the Ruptured and Crippled, maintaining the Hospital for Special Surgery at December 31, 1979 and 1978, and the results of its operations, changes in fund balances, and changes in its financial position of unrestricted fund for the years then ended, in conformity with generally accepted accounting principles applied on a consistent basis.

**Touche Ross & Co.  
Certified Public Accountants**

# Staff Directory

## Medical Board

### Chairman

Philip D. Wilson, Jr., M.D.

### Secretary

William C. Robbins, M.D.  
Konstantin P. Velis, M.D.

### Board Members

Charles L. Christian, M.D.  
John L. Fox, M.D.  
Robert H. Freiburger, M.D.  
David B. Levine, M.D.  
Robert C. Mellors, M.D., Ph.D.  
Francis S. Perrone, M.D.  
Leon Root, M.D.  
Lee Ramsay Straub, M.D.

## Professional Staff

(as of January 1, 1980)

### Surgeon-in-Chief

Philip D. Wilson, Jr., M.D.

### Executive Assistant to Surgeon-in-Chief

Lee Ramsay Straub, M.D. (Emeritus)

## Department of Orthopaedic Surgery

### Director of Orthopaedic Surgery

Philip D. Wilson, Jr., M.D.

### Associate Director of Orthopaedic Surgery

David B. Levine, M.D.

### Attending Orthopaedic Surgeons

William D. Arnold, M.D.  
Rolla D. Campbell, M.D.  
John H. Doherty, M.D.  
Alexander Hersh, M.D. (Emeritus)  
Allan E. Inglis, M.D.  
Bernard Jacobs, M.D.  
David B. Levine, M.D.  
Frederick L. Liebolt, M.D. (Emeritus)  
Peter J. Marchisello, M.D.  
Robert Lee Patterson, Jr., M.D.  
(Surgeon-in-Chief Emeritus)  
Chitranjan S. Ranawat, M.D.  
Lee Ramsay Straub, M.D. (Emeritus)

### Associate Attending Orthopaedic Surgeons

Walther H. O. Bohne, M.D.  
John N. Insall, M.D.  
Joseph M. Lane, M.D.  
John P. Lyden, M.D.  
Ralph C. Marcove, M.D.  
\*John L. Marshall, D.V.M., M.D.  
Victor Mayer, M.D.  
Leon Root, M.D.  
Eduardo A. Salvati, M.D.

\*Died 2-12-80

### Assistant Attending Orthopaedic Surgeons

Samuel Avnet, M.D.  
Jeanne Pamilla, M.D.  
Thomas P. Sculco, M.D.  
Konstantin P. Velis, M.D.  
Russell F. Warren, M.D.

### Orthopaedic Surgeons to Out-Patient Department

George C. Brown, M.D.  
David M. Dines, M.D.  
Kenneth A. Falvo, M.D.  
Gary Gallo, M.D.  
Michael W. Panio, M.D.  
Thomas D. Rizzo, M.D.  
Richard L. Salzer, Jr., M.D.  
W. Norman Scott, M.D.  
John F. Waller, M.D.

### Applied Biomechanics in Orthopaedic Surgery

#### Director

Albert H. Burstein, Ph.D.

### Assistant Bioengineers

James C. Otis, Ph.D.  
Peter A. Torzilli, Ph.D.  
Timothy Wright, Ph.D.

### Junior Attending Orthopaedic Surgeons

William J. Bryan, M.D.  
Neil A. Green, M.D.  
Michael N. Jolley, M.D.  
Douglas M. Joseph, M.D.  
Paul H. Kirz, M.D.

John Morrison, M.D.  
Mark F. Sherman, M.D.

### Clinical Fellow in Bone Tumors

Shiro Ito, M.D.

### Senior Surgeons

John H. Doherty, Jr., M.D.  
Gary M. Gartsman, M.D.  
Richard J. Kearns, M.D.  
Richard R. McCormack, M.D.  
Paul M. Pellicci, M.D.  
Bruce Reider, M.D.  
Raymond P. Robinson, M.D.

### Intermediate Surgeons

Robert Atkinson, M.D.  
Harry A. Bade, III, M.D.  
Alex Bodenstab, M.D.  
Richard S. Davidson, M.D.  
Dirk H. Dugan, M.D.  
Laura B. Flawn, M.D.  
Edward V. Gundy, M.D.  
Paul F. Lachiewicz, M.D.  
William K. P. Li, M.D.  
John F. Mendes, M.D.  
Daniel S. Rich, M.D.  
Howard A. Rose, M.D.  
J. Robert Seebacher, M.D.  
Steven A. Stuchin, M.D.  
Francesca M. Thompson, M.D.  
Thomas L. Wickiewicz, M.D.

### Junior Surgeons

Ivan D. Gowan, M.D.  
John H. Healey, M.D.  
Patrick V. McMahon, M.D.  
Thomas J. Nordstrom, M.D.

## Department of Medicine

### Physician-in-Chief and Director of Rheumatic Diseases

Charles L. Christian, M.D.

### Attending Physicians

Lawrence J. Kagen, M.D.  
William H. Kammerer, M.D. (Emeritus)  
Klaus Mayer, M.D.  
Irwin Nydick, M.D. (Cardiology)

### Associate Attending Physicians

Carl A. Berntsen, Jr., M.D.  
Harry Bienenstock, M.D.  
Abraham S. Jacobson, M.D.  
Michael D. Lockshin, M.D.  
Francis S. Perrone, M.D. (Cardiology)  
Paul E. Phillips, M.D.  
William C. Robbins, M.D.  
Bernard Rogoff, M.D. (Emeritus)

Emmanuel Rudd, M.D.  
Ernest Schwartz, M.D.  
James P. Smith, Jr., M.D.  
(Pulmonary Medicine)  
Robert Winchester, M.D.

### Assistant Attending Physicians

Barry D. Brause, M.D.  
(Infectious Diseases)  
Martin Gardy, M.D.  
Allan Gibofsky, M.D.  
Robert D. Inman, M.D.  
Eric A. Jaffe, M.D.  
Robert P. Kimberly, M.D.  
Herbert Koteen, M.D.  
Joseph A. Markenson, M.D.  
Stephen Paget, M.D.  
Marcos Rivelis, M.D.

Richard Stern, M.D.  
Mary Beth Walsh, M.D.

### Physicians to Out-Patient Department

Thomas T. Bowman, M.D. (Emeritus)  
Jean Case, M.D.  
Marc Goldberg, M.D.  
Bento Mascarenhas, M.D.

### Rheumatic Diseases Fellows

John F. Beary III, M.D.  
Stephanie Korn, M.D. (Pediatrics)  
Steve Magid, M.D.  
Ted Parris, M.D.  
J. Robert Polk, M.D.  
Eric Schned, M.D.  
Hendricks H. Whitman, M.D.

## Department of Anesthesiology

### Director

John L. Fox, M.D.

### Attending Anesthesiologist

Joseph E. Shahmoon, M.D.

### Associate Attending Anesthesiologists

Erlina L. Lobrin-Farcon, M.D.  
Thomas V. Miles, M.D.

### Assistant Attending Anesthesiologists

George Balint, M.D.  
Chongkiat Ong, M.D.



<b>Department of Laboratories</b>	<b>Pathologist-in-Chief and Director of Laboratories</b> Robert C. Mellors, M.D., Ph.D.	<b>Assistant Attending Pathologists</b> Catherine Kambolis-Patrinou, M.D. Vincent J. Vigorita, M.D.	<b>Assistant Attending Hematologist</b> Lilian M. Reich, M.D.
	<b>Chief of Orthopaedic Pathology and Attending Pathologist</b> Peter G. Bullough, M.D.	<b>Associate Attending Biochemist</b> Tjongtik Goei, Ph.D.	<b>Attending Immunologists</b> Charles L. Christian, M.D. Leonhard Korngold, Ph.D.
	<b>Associate Attending Pathologist</b> George F. Gray, Jr., M.D.	<b>Chief of Blood Bank and Attending Hematologist</b> Klaus Mayer, M.D.	<b>Attending Microbiologists</b> Carl G. Becker, M.D. Laurence B. Senterfit, D.Sc.
<b>Department of Physical Therapy and Rehabilitation</b>	<b>Director</b> Leon Root, M.D.		
<b>Department of Radiology and Nuclear Medicine</b>	<b>Director</b> Robert H. Freiburger, M.D.	<b>Assistant Attending Radiologists</b> Walther H. O. Bohne, M.D. (Nuclear Medicine) Helene Pavlov, M.D.	<b>Junior Attending in Radiology and Nuclear Medicine Research</b> Jamshid Tehranzadeh, M.D.
	<b>Attending Radiologist</b> Bernard Ghelman, M.D.	<b>Nuclear Medicine Physician to Out-Patient Department</b> Martin Barandes, M.D.	<b>Attending Physicist</b> John Laughlin, Ph.D.
	<b>Associate Attending Radiologists</b> Amy Beth Goldman, M.D. Robert Schneider, M.D. (Chief, Nuclear Medicine)	<b>Radiologists to Out-Patient Department</b> James G. Hirschy, M.D. Barry P. Skeist, M.D.	<b>Assistant Attending Physicist</b> Lawrence M. Blau, M.D.
<b>Department of Supporting Services</b>	<b>Neurology Service</b>	<b>Associate Attending Psychologist</b> David Clayson, Ph.D.	
	<b>Chief of Service and Attending Neurologist</b> Peter Tsairis, M.D., Ph.D.	<b>Psychologist to Out-Patient Department</b> Mary Luallen, Ph.D.	
	<b>Associate Attending Pediatric Neurologist</b> Hart deC. Peterson, M.D.	<b>Honorary Staff</b> Charles L. Burstein, M.D. Richard H. Freyberg, M.D. Joseph Moldaver, M.D. Peter-Cyrus Rizzo, M.D. T. Campbell Thompson, M.D.	
	<b>Assistant Attending Neurologist</b> Paul Maccabee, M.D.	<b>Consultant Staff</b> John Dorsey, M.D., Plastic Surgery Sidney Eichenholtz, M.D., Orthopaedic Surgery William T. Enders, M.D., Physical Therapy and Rehabilitation Myron Melamed, M.D., Pathology Royal Montgomery, M.D., Dermatology Willibald Nagler, M.D., Physical Therapy and Rehabilitation James A. Nicholas, M.D., Orthopaedic Surgery Arthur Okinaka, M.D., Thoracic Surgery Morton K. Schwartz, Ph.D., Laboratories Richard M. Stark, M.D., Orthopaedic Surgery Peter H. Stern, M.D., Physical Therapy and Rehabilitation John E. Sullivan, M.D., Surgery Robin C. Watson, M.D., Radiology Russell Zelko, M.D., Orthopaedic Surgery (Sports Medicine)	
	<b>Neurology Fellow</b> Teepu Siddique, M.D.		
	<b>Pediatric Service</b>		
	<b>Chief of Service and Attending Pediatrician</b> Wan Ngo Lim, M.D.		
	<b>Associate Attending Pediatricians</b> Margaret Hilgartner, M.D. Virginia C. Mitty, M.D.		
	<b>Assistant Attending Pediatrician</b> Donald Skog, M.D.		
	<b>Psychiatry Service</b>		
	<b>Associate Attending Psychiatrist</b> James Warren Brown, M.D.		
<b>Research Division</b>	<b>Administrative Staff</b>	<b>Research Fellows</b> John F. Beary, M.D. Daniel A. Dethmers, M.D. Toru Fukubayashi, M.D. Roger W. Hood, M.D. Lois Jerabek, Ph.D. Paul J. Maccabee, M.D. Shuichi Maeda, M.D., Ph.D. Steve Magid, M.D. Ted Parris, M.D. J. Robert Polk, M.D. Gary Savatsky, M.D. Eric Schned, M.D. Herbert F. Schryver, D.V.M. Bernard Stulberg, M.D. Frederick Vosburgh, M.D. Hendricks H. Whitman, M.D.	
	<b>Director of Research</b> Robert C. Mellors, M.D., Ph.D.		
	<b>Associate Director of Research</b> Charles L. Christian, M.D.		
	<b>Associate Director of Research</b> Aaron S. Posner, Ph.D.		
	<b>Professional Staff</b>		
	<b>Senior Scientists</b> Albert H. Burstein, Ph.D. Charles L. Christian, M.D. Allan E. Inglis, M.D. Lawrence J. Kagen, M.D. Leonhard Korngold, Ph.D. Klaus Mayer, M.D. Robert C. Mellors, M.D., Ph.D. Aaron S. Posner, Ph.D.	<b>Assistant Scientists</b> Foster Betts, Ph.D. Norman Blumenthal, Ph.D. Allan Gibofsky, M.D. Robert D. Inman, M.D. Robert P. Kimberly, M.D. Joseph A. Markenson, M.D. James C. Otis, Ph.D. Peter A. Torzilli, Ph.D. Mary Beth Walsh, M.D. Timothy Wright, Ph.D.	
	<b>Associate Scientists</b> Steven Arnoczky, D.V.M. Lawrence M. Blau, Ph.D. Walther H. O. Bohne, M.D.	<b>Visiting Scientists</b> Donald L. Bartel, Ph.D. George C. Brown, M.D. Lewis B. Lane, M.D.	<b>Consultants</b> Anthony Albino, Ph.D. Fakhry G. Girgis, M.D., Ph.D. Paul Tannenbaum, D.D.S.

\*Died 2-12-80

# Staff Directory

## Administration

(as of January 1, 1980)

### Vice President and Executive Director

Donald S. Broas

### Associate Executive Director

T. Richard Quigley

### Associate Director for Financial Affairs

James D. O'Neill

### Assistant Director/Director of Nursing

Barbara J. Kelly, R.N.

### Director of Personnel

John R. Ahearn

## Management Personnel

### Accounting

James J. Dillon, Jr.  
Enith B. Sandoval

### Admitting

Ellen B. Ritt

### Ambulatory Center

Sandra B. Shapasian

### Building Services

Stanley Lesser

### Cardiopulmonary

Alice M. O'Connor

### Communications

Jeanne A. Gorski

### Computer Services

Lawrence Blau, Ph.D.

### Development

Wentworth L. Durgin

### Food Service

Peggy M. Webb

### Engineering

Martin J. Hayden

### Gift Shop

Frances Hage

### Laboratories

Tjongtik Goei, Ph.D.

### Medical Education

Jean C. McDaniel

### Medical Library

Munir U. Din

### Medical Records

Marjorie G. Walker

### Nursing

Mary Jane Quatroche, R.N.  
Joan M. Moscati, R.N.  
Patricia Smith, R.N.

### Personnel

Katherine F. Smith

### Pharmacy

Vincent J. Conti

### Photography

Dorothy J. Page

### Prosthetics and Orthotics

Herbert E. Kramer

### Radiology

Dola Polland

### Rehabilitation Medicine

Judith M. Kurtz

### Research Administration

Cleo Stibler

### Social Work

Alice C. Woo

### Stores/Receiving

Clyde Bentham

### Utilization Review

Joanne G. Wood, R.N.

### Volunteers

Virginia L. Roberts

### Hospital Chaplains

#### Catholic

Father Kenny

#### Jewish

Rabbi Schevelowitz

#### Protestant

Reverend Handzo

## Women's Auxiliary

(as of January 1, 1980)

### Officers

#### Chairman

Mrs. David Reuter

#### Vice-Chairman

Mrs. William Arnold

#### Treasurer

Mrs. Robert Freiberger

#### Corresponding Secretary

Mrs. Newcomb D. Cole

#### Recording Secretary

Mrs. Philip D. Wilson, Jr.

### Active Members

Mrs. William Arnold  
Mrs. Charles S. Bannerman  
Mrs. John Barthelemy  
Mrs. Ivor Bevan  
Mrs. Jay Bresler  
Mrs. Newcomb D. Cole  
Mrs. J. Howard Denny  
Miss Hazel Evans  
Mrs. John Fankhauser  
Mrs. Robert H. Freiberger  
Mrs. Walter J. Fried  
Mrs. Jack Furth  
Mrs. Richard A. Holstein  
Mrs. Allan E. Inglis  
Mrs. Theodore Kaufmann

Mrs. Cristina P. King  
Mrs. Robert Kohns  
Mrs. Romaine C. Nichols  
Mrs. Robert L. Patterson, Jr.  
Mrs. Willis R. Phillips  
Mrs. Morton Reifer  
Mrs. David Reuter  
Miss Katherine M. Risi  
Mrs. Herman Sokol  
Ms. Jill Spiller  
Mrs. John Steel  
Mrs. L. Ramsay Straub  
Mrs. Sidney Voice  
Mrs. Armitage Watkins  
Mrs. Philip D. Wilson, Jr.

### Contributing Members

Mrs. Barton Alderson  
Mrs. Paul Arbon  
Mrs. Carl A. Berntsen, Jr.  
Mrs. Horace Brock  
Mrs. Andre de Coizart  
Mrs. E. Langley Fletcher  
Mrs. Charles Haight  
Mrs. John Heuss  
Mrs. David B. Levine  
Mrs. Robert I. Powell  
Mrs. Leon Root  
Mrs. Carl A. Von Goeben  
Mrs. Thomas Wheelock

## Volunteers

(as of January 1, 1980)

### 35 Years and Over

Mrs. Willis R. Phillips

### 30 Years and Over

Mrs. Charles S. Bannerman  
Mrs. Y. Andre-Istel

### 25 Years and Over

Mrs. Newcomb D. Cole  
Mrs. O. Vaughn Dennis  
Mrs. Saul A. Goldstein  
Mrs. Henry Numrich  
Mrs. David G. Reuter  
Mrs. John D. Sloane  
Mrs. Armitage E. Watkins

### 20 Years and Over

Mrs. Ivor Bevan  
Mrs. J. Howard Denny  
Mrs. Raphael Meisels  
Mrs. George F. Rooney

### 15 Years and Over

Mrs. William D. Arnold  
Mrs. Jay S. Bresler  
Mrs. Robert H. Freiberger  
Mrs. Robert L. Kohns  
Mrs. Murray Mandel

### 15 Years and Over

Mrs. Walter Niklaus  
Miss Yolande Salzat  
Mrs. Lee Ramsay Straub  
Mrs. Paul Wolf

### 10 Years and Over

Mrs. Alma Askin  
Mrs. Emil Fink  
Mrs. Jack Furth  
Mrs. Rube Goldberg  
Mrs. Lisa Harper  
Mrs. Theodore Kaufmann  
Mrs. Julianne Koennecke  
Mrs. Robert I. Powell  
Mrs. John Steel  
Miss Hanna Stiller  
Mrs. Sidney P. Voice

### 5 Years and Over

Miss Margaret M. Crowley  
Mrs. Bennett Fass  
Miss Judith C. Johnston  
Ms. Gunilla Asp Kessler  
Mrs. Cristina P. King  
Mrs. Isabelle Kleinfeld  
Mrs. Barnet Liss  
Mrs. Charles H. Mott  
Miss Katherine M. Risi  
Miss Linda S. Rosenberg  
Mrs. Arthur N. Seiff  
Mrs. Herman Sokol  
Mrs. Lawrence Sternberg  
Miss Robin Suttenger  
Mr. Sidney P. Voice  
Mrs. Elsie Walker  
Mrs. Samuel Willer  
Mrs. Leonard Zalkin

## Officers and Board Members

### Officers

(as of April 1, 1980)

#### President

Henry U. Harris, Jr.

#### Vice Presidents

Mrs. Edwin I. Hilson

Charles H. Thieriot

#### Chairman,

**Executive Committee and Secretary**

William H. Osborn, Jr.

#### Treasurer

Loring Catlin

#### Vice President and Executive Director

Donald S. Broas

#### Assistant Treasurer

James D. O'Neill

#### Assistant Secretary

T. Richard Quigley

### Board Members

Mrs. Charles O. Ames

Mrs. Harcourt Amory, Jr.

Philip Bastedo

Abraham L. Blenstock

Mrs. Horace Brock

Peter B. Cannell

Loring Catlin

Paul J. Collins

Mrs. Donald G. Dammond

Mrs. James D. Farley

Mrs. Walter J. Fried

Henry U. Harris, Jr.

Mrs. Edwin I. Hilson

Robert L. Hoguet, Jr.

Henry B. Hyde

Winfield P. Jones

James F. Lawrence

C. Richard MacGrath

Carl B. Menges

David B. Mixter

George Murnane, Jr.

Andre W. G. Newburg

William H. Osborn, Jr.

Guichard Parris

Samuel S. Polk

William R. Salomon

Charles H. Thieriot

Mrs. Ezra K. Zilkha

#### Honorary Members

Charles H. Dyson

Mrs. E. Langley Fletcher

S. Hazard Gillespie

James C. Kellogg, III

Arthur D. Schulte

## Contributions

The Hospital for Special Surgery can only maintain its position in the forefront of patient care, education and research through the continuing loyal support of its friends and benefactors. We need gifts, grants and bequests to provide new equipment and facilities and to provide endowment for specific projects and activities.

Checks should be made payable to The Hospital for Special Surgery.

Securities should be endorsed in blank or accompanied (preferably under separate cover) by an executed standard "stock power" form with signature guaranteed.

Trusts can be established to benefit the Hospital. Information on the establishment of trusts can be obtained from the Development Office. Gifts in this form may provide considerable tax advantages to the donor in addition to helping the Hospital plan in light of future income.

Bequests should be in the name of The New York Society for the Relief of the Ruptured and Crippled maintaining the Hospital for Special Surgery. Such bequests may be designated for a specific purpose. We will be happy to help you select one which is suitable.

As the Hospital is a non-profit institution, all gifts qualify for deductions in accordance with Federal and State laws.

For further information, please contact:

**Mr. Donald S. Broas**

**Vice President and Executive Director**

**The Hospital for Special Surgery**

**535 East 70th Street**

**New York, New York 10021**

**(212) 535-5500**

### In Memoriam

**Samuel S. Duryee,**

Member and President of the Board of Managers (1948-1958)

4/27/79

**Lawrence W. Lowman**

Member of the Board of Managers (1969-1974)

2/22/80

**John L. Marshall, D.V.M., M.D.**

Chief of Sports Medicine and Associate Orthopaedic Surgeon (1966-1980)

2/12/80



The New York Society for the  
Relief of the Ruptured and Crippled,  
maintaining the  
Hospital for Special Surgery  
Margaret M. Caspary Clinic  
535 East 70th Street  
New York, New York 10021  
(212) 535-5500

